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SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. In which scenario is Quick Sort preferred over Merge Sort?

A. When memory usage is a concern
B. When stability is required
C. When the data is nearly sorted
D. When the data is large and random

Solution: Quick Sort is preferred when memory usage is a concern because it is an in-place sorting algorithm.

Q2. What is the primary advantage of Merge Sort over Quick Sort?

A. Faster for small datasets
B. In-place sorting
C. Stable sorting
D. Lower average time complexity

Solution: The primary advantage of Merge Sort is that it is a stable sorting algorithm, maintaining the relative order of equal elements.

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